

USAGE OF INTERNET AND ITS IMPACT ON DIFFERENT LEVELS OF USERS IN TELANAGANA STATE: A STUDY

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ABSTRACT

The aim of this study is to analyze the relationship between computer-internet usage and among the users in Telangana state. The research was conducted among students in 10 districts to investigate attitudes towards the computer usage and internet. The present study reveals does the attitude toward Internet and computer use differ in terms of gender? Does the attitude toward Internet and computer use differ in terms of field of study? Does the attitude toward Internet and computer use differ in terms of age? Findings indicate believing that the usage of internet is easy to understand, beneficial, accurate, believable, important and the major share of the internet users are students. Users have their control over the computer and internet and there is no significance difference found attitude toward the internet usage with gender, age and field of study.

KEYWORDS: Computer, Usage of Internet, Impact of Internet, Information Technology, Telangana State

INTRODUCTION

Internet and related technology plays an important role in student education (Jones & Madden, 2002) and they use the internet for their projects, to communicate with teachers and other students. Positive responses from the teenage student users find the internet a good way to get information easily compared with old age users. New technology helps the students to use the electronic gadgets tools like iPods', cell phones and laptops effectively in their education. The largest population of Internet users is High school and College students in the present day scenario making them an important subset to study. Using the questions users have been asked to indicate if they have access to the internet and where they use the computer to access the internet, and for the computer user subsample, the average time spent using the computer was as high as 14.80 hours/week (equivalently, about 2 hours/day).

Moreover, computer users spend less time watching television and more time playing DVDs and video games when compared to non-computer users. The more internet users are younger, males, non-minority, have a high school / higher education, live in urban areas with smaller number of people and have higher incomes. Youth involved in securely accessible online system both feasible and acceptable for the users more actively in their health care. Addicted youth represent a vulnerable population with worse health outcomes than non-effective computer-internet peers. Few interventions notably demonstrated lasting impact on youth health, knowledge, behavior and future outcomes.

OBJECTIVES

- To assess the Internet access and usage patterns among users in Telangana region
- To know the frequency of Internet usage.
- To find out the purpose of the Internet usage.
- To identify the location of Internet usage.
- To determine the user opinion on Internet usage and its impact.

REVIEW LITERATURE

Vasilis Gialamas, Kleopatra Nikolopoulou George Koutromanos (2013) study shows that Most of the students believe that there is an positive impact of internet usage on their learning in university study and makes learning more interesting and effective. Possessing internet skills will assist their future job prospects. Rhoades, Tracy Irani, Ricky Telg, Brian E. Myers, (2008) findings indicate believing that the usage of internet is easy to understand, beneficial, accurate, believable and important and these students are users of the internet and programs like Facebook, MySpace, and search engines. To draw from during discussions on information credibility and online resources these technologies stands a real world example. Student's internet usage in education assist to search out information, completing class assignments, describes internet as a functional tool and helps them to conduct research, access library materials and to communicate with the professors. Mustafa KOÇ (2011) study investigated excessive use of the internet by the students cannot bring responsibilities such as academic problems and social isolation and differences between the addicted internet group and non-addicted internet group for Obsessive- Compulsive symptoms. Non addicted internet group has less obsessive compulsive symptoms than addicted internet group. Severity of internet addiction significantly correlated with psychiatric symptoms for those students who use the internet six hours a day. ALICE J. WATSON, ALASTAIR G. BELL, JOSEPH C. KVEDAR, RICHARD W. GRANT, (2008) The findings from the study revealed patients who currently never use the Internet are enthusiastic to adopt technology to improve their health . Internet can play vital role in improving diabetes care. Dr. Nabeel Abedalaziz Dr. Shahrir Jamaluddin, Dr. Chin Hai Leng (2013) this study allows comparability factors that may affect postgraduate students' attitudes toward computer and Internet and also contribute to technology adoption implementing successful frameworks of embedding e-learning in University educational system.

METHODOLOGY

Here for the evolution study survey method was used. The survey has carried out among the all types users of Telanagana state. The data collected by simple random sampling technique. Actually 600 questionnaires were distributed for data collection, among that 480 questionnaires received and best with fully completed 400 questionnaires were finalized for data interpretation. The structured questionnaire with 2 open ended questions was used. After the pilot survey, the new questionnaire was designed for better outcome according to results of pilot survey. The data was collected from respondents personally and over phone also.

DATA ANALYSIS & INTERPRETATION

In this study, for the data analyzing; frequency counts and Simple percentage were incorporated.

Sample Size

Here four different age groups were included for data collection to know the impact and utilizing the Internet in present era. Among six hundreds questionnaires, four hundred and eighty completed questionnaires i.e. 80% were received and only fully completed and in good conditioned four hundreds questionnaires i.e. 66.67% chosen for data analyzing.

Respondents-Gender

Table 1: Respondents-Gender

Gender	Respondents
Male	316
Female	84

Male and Female respondents included for quality results.



Figure 1

The above table 1 has given information on Gender wise respondents that among the 400 respondents 316 (79%) were male and 84 (21%) were female respondents. It gives that female's also utilizing the internet in regular mode Figure 1

Respondents-Status Wise

In this world, daily different modes of people using the Internet. Hence this survey included all the types users i.e. employers, un employers, students, homemakers, retired persons etc.

Table 2: Respondents-Status Wise

S. No	Status	Respond	%
1	Employed or Self Employed	150	37.5%
2	Retired	30	7.5%
3	Homemaker	20	5%
4	Students	150	37.5%
5	Unemployed	50	12.5%
Total		400	100%

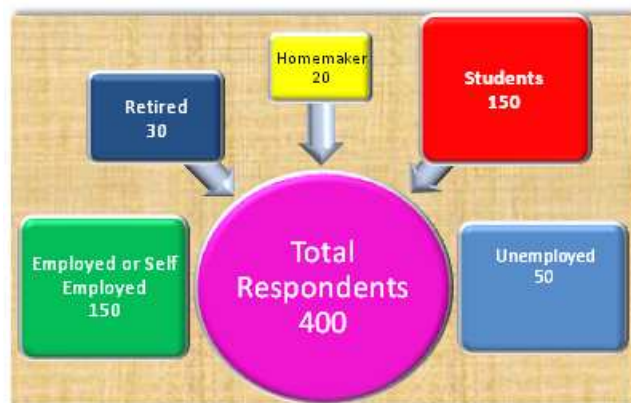


Figure 2: Respondents-Status Wise

Above seen table i.e. 2, revealed the information on status wise responding that each 150 respondents were from employers and students followed by 50 were unemployers, 30 were retired persons and only 20 were homemakers involved in our survey Figure 2

Respondents-Age Wise

Different age wise respondents were given their opinion on usage of Internet and its impact.

Table 3: Respondents-Age Wise

S. No	Age Wise	Res	%
1	21 years & Under	100	25%
2	21-40 years	100	25%
3	41-60 years	100	25%
4	61 years & above	100	25%
Total		400	100%



Figure 3: Respondents-Age Wise

Table 3 was showed that among the 400 respondents all the different age groups were given priority in data collection, so from each group 100 respondents (25%) were incorporated in all the age group like 21 years& under, 21-40 years, 41-60 years, and 61 years & above.

Frequency of Usage the Internet

It's depended upon time and emergency of work. But the respondents were given their opinion on all the frequencies which were included in this survey.

Table 4: Frequency of Use the Internet

S. No	Frequency	Respond's
1	Once a day	139
2	More than Once a day	205
3	Once a Week	36
4	More than once a Week	20
Total		400

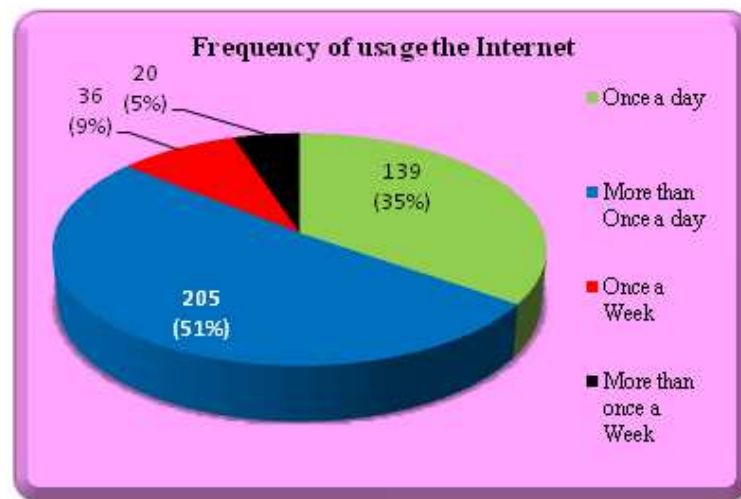


Figure 4: Frequency of Use the Internet

The table 4 highlighted that majority of the respondents i.e.205 were usage the Internet *more than once a day*, at the same time 139 respondents were *Once a day*, followed by 36 respondents were *once a week* and 20 respondents were usage the internet *more than once a week*. This study showed here that Internet usage has been increasing in daily Figure 4

Average Spending Time on Internet per a Day

Internet usage is in tremendous way at present, especially the user daily spending time on Internet is very high.

Table 5: Spending Time on Internet per a Day

S. No	Spending Time	Responds
1	1-2 hours	78
2	2-3 hours	166
3	3-4 hours	107
4	More than 4 hours	49
Total		400

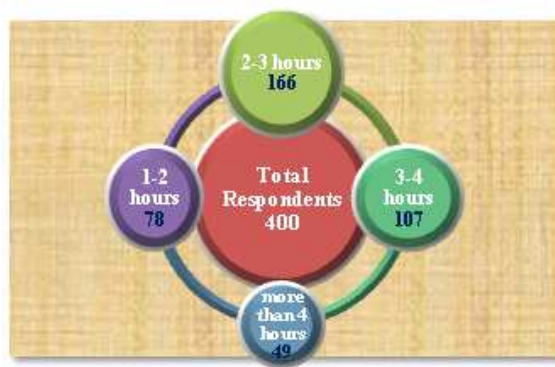


Figure 5: Spending Time on Internet per a Day

The above table 5 has revealed the important information on user spending time for usage of internet per a day that among the 400 respondents 166 were by 2-3 hours spent time on internet, followed by 107 respondents were by 3-4 hours 78 were by 1-2 hours, remaining 49 were more than 4 hours spent time on internet per day. It showed that how the internet had been in their daily life.

Purpose for Usage of Internet

It is the main and important aspect of 'netigens'. Everybody approach the internet in their daily life for getting the usable information or benefit.

Table 6: Purpose for Usage of Internet

S. No	Purpose	Responds	%
1	E-Mail	400	100%
2	File Sharing	400	100%
3	Shopping	125	31.25%
4	News	36	9%
5	Gaming	178	44.5%
6	Chatting	346	86.5%
7	Social Networking	309	77.25%
8	Blogs	66	16.5%
9	Music/Movies	159	39.75

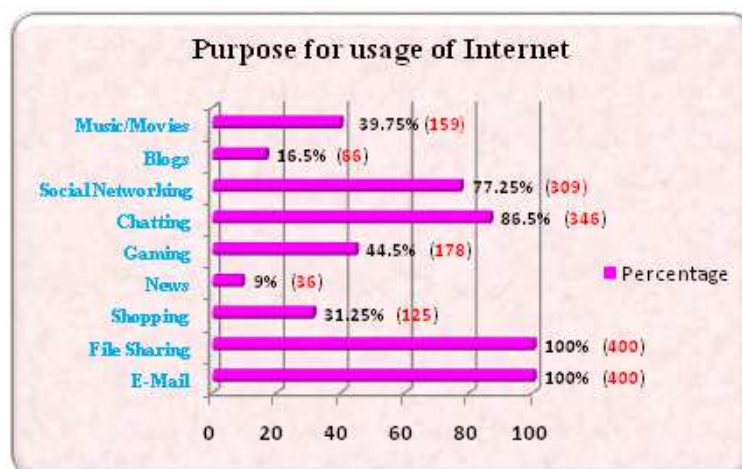


Figure 6: Purpose for Usage of Internet

The above mentioned table 6 narrated about purpose of usage of Internet that 'E-mail and File sharing were 100% utilized by respondents, at the same time 'Chatting and Social Networking were utilized by 86.5% and 77.25% users continuously, followed by 'Gaming' and Music/Movies were used by 44.5% with 39.75% respondents. Remaining usable contents were 'shopping, 'Blogs' and 'Online News' were utilized by 31.25%, 16.5% and 9% were respondents Figure 6

Location of the Internet Usage

To every internet user should have a proper place to access the Internet. In this survey has discussed about the some of the major locations of the internet usage.

Table 7: Location of the Internet Usage

	Place of Internet Usage						
	Home/Work Place	Library	School/College	Your Mobile Phone	Internet Café	Friends/Relation's House	Other Place
Respondents	91	79	22	76	103	23	6
Percentage	22.75	19.75	5.5	19	25.75	5.75	1.5

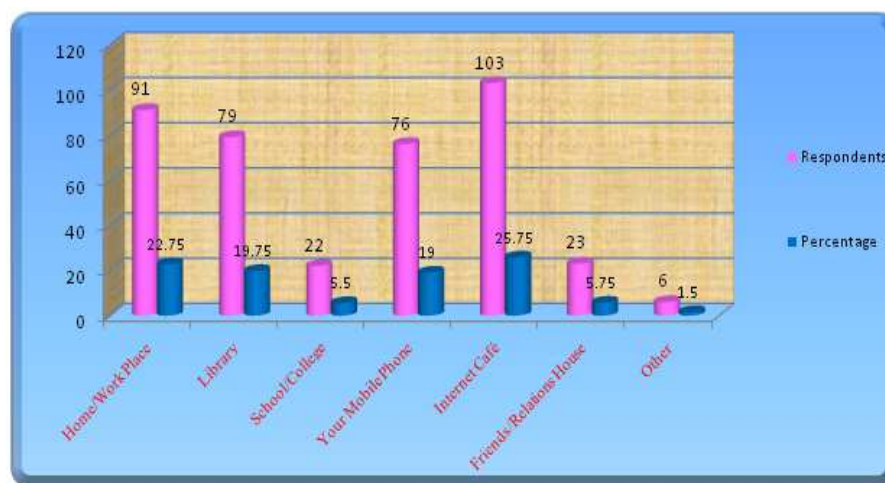


Figure 7

Above table 7 indicated that most of the users i.e 103 (25.75) were used Internet at 'Internet Cafes', followed by 91 (22.75%) were utilized Internet at Home/Work places, apart this 79(19.75%) respondents used internet in Library. But only 22 user's means youth were spent time on internet at mobile phones Figure 7.

Frequency of the Usage the Internet for Purpose

It is depends on emergency of work. Most of the users regularly use the internet according to their convenience. Here the respondents were given their opinion on this particular subject.

Table 8: Frequency of the Usage the Internet for Purpose

S. No	Purpose	Once a Day		Several Times a day		Once a Week		Several Times a Week		Never/NA	
		No of Resp	%	No of Resp	%	No of Resp	%	No of Resp	%	No of Resp	%
a)	E Mail	102	25.5	133	33.25	46	11.5	107	26.75	12	3
b)	Chatting	82	20.5	98	24.5	103	25.75	69	17.25	48	12
c)	News/Discussion Groups	37	9.25	68	17	101	25.25	81	20.25	113	28.25
d)	Social networking sites/blogs	113	28.5	148	37	42	10.5	53	13.25	44	11

Table 8: Cond.,

e)	Game websites	63	15.75	41	10.25	119	29.75	84	21	93	23.25
f)	Internet TV	31	7.75	26	6.5	96	24	86	21.5	161	40.25
g)	Web Browsing	136	34	167	41.75	14	3.5	79	19.75	4	1
h)	Shopping	53	13.25	260	65	44	11	30	7.5	227	56.75
i)	Downloading/File sharing	89	22.25	142	35.5	53	13.25	109	27.25	7	1.75
j)	E Books/E Journals Reading	53	13.25	46	11.5	109	27.25	89	22.25	103	25.75
k)	Work/business/studies	208	52	106	26.5	16	4	62	15.5	4	1
l)	Other (Health, food, new things to know	33	8.25	16	4	96	24	14	3.5	241	60.25

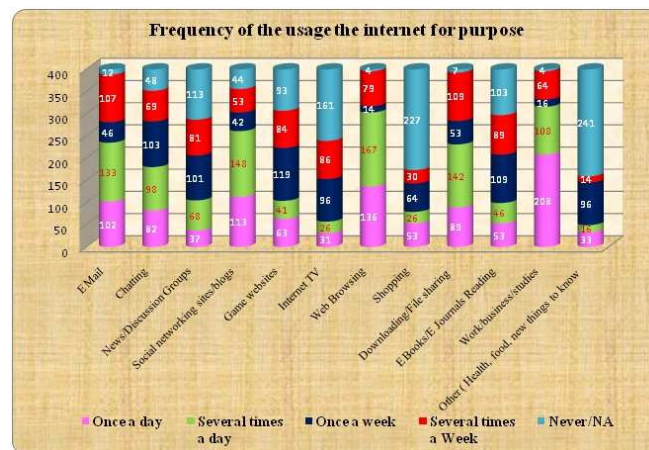


Figure 8

The table 8 revealed that 'web browsing', 'Social Networks', 'downloads' and 'Emails' options were used 'Several times a day' by bulky of respondents like 167, 148, 142 and 133, at the same time 'web browsing', 'Social Networks' and 'Email' were used once a day by 136, 113 and 102 users Figure 8.

Opinion on Usage of the Internet and its Impact (Positive)

The respondents of this study have given their opinion for positive queries of on Internet usage and its impact.

Table 9: Opinion on Usage of the Internet and its Impact (Positive)

S. No	Queries	Opinion				
		Very Helpful	Mostly Very Helpful	Somewhat Very Helpful	Slightly Very Helpful	Not at all /NA
a)	Improved overall quality of life	189	68	70	58	15
b)	Improved the physical activities, sports activities	16	26	89	169	100
c)	Improved relationships with family, Friends, Peer's & Co-Worker	42	81	103	156	18
d)	Improved School/Work performance	176	185	23	11	5
e)	Helped to reach the goals	63	91	163	61	22
f)	Helped for getting cure from health problems	23	41	86	163	87



Figure 9: Opinion on Usage of the Internet and its Impact (Positive)



Figure 10: Opinion on Usage of the Internet and its Impact (Positive)

According to this figure most of the users i.e. 189 were Bulk of users were (169) thought that 'slightly helped' and Opined that 'very helped' and over 15 were said 16 were thought 'very helped' the 'improved the physical fitness 'Not at all' on 'Improved overall quality of life' Figure 9. and sports activities Figure 10.



Figure 11: Opinion on Usage of the Internet and its Impact (Positive)



Figure 12: Opinion on Usage of the Internet and its Impact (Positive)

The above figure gives that 156 respondent voted to 'slightly' huge respondents i.e.176 were opined 'very helped' and 42 were voted to 'very helped' the internet to 'improved and 185 were said 'mostly helped' the internet Relations with family, friends and others' Figure 13 to 'improved work Performance' Figure 14

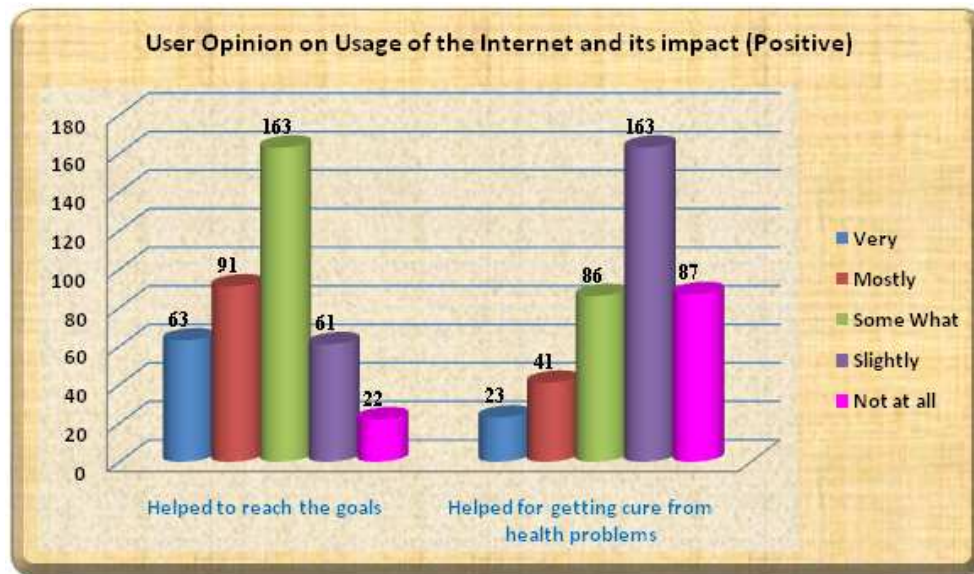


Figure 13: User opinion on Usage of the Internet and its Impact (Positive)

The above figure showed the opinions of respondents that 163 were said 'slightly helped' in both purposes, at the same time 91 were opined that internet 'mostly helped' to reach the goals and 87 were said 'not at all' helped the internet to getting cure from health problems Figure 15

User Opinion on Usage of the Internet and its Impact (Negative)

Some of the important negative queries (which were influence the users in wrong way) have incorporated to take users opinions on it.

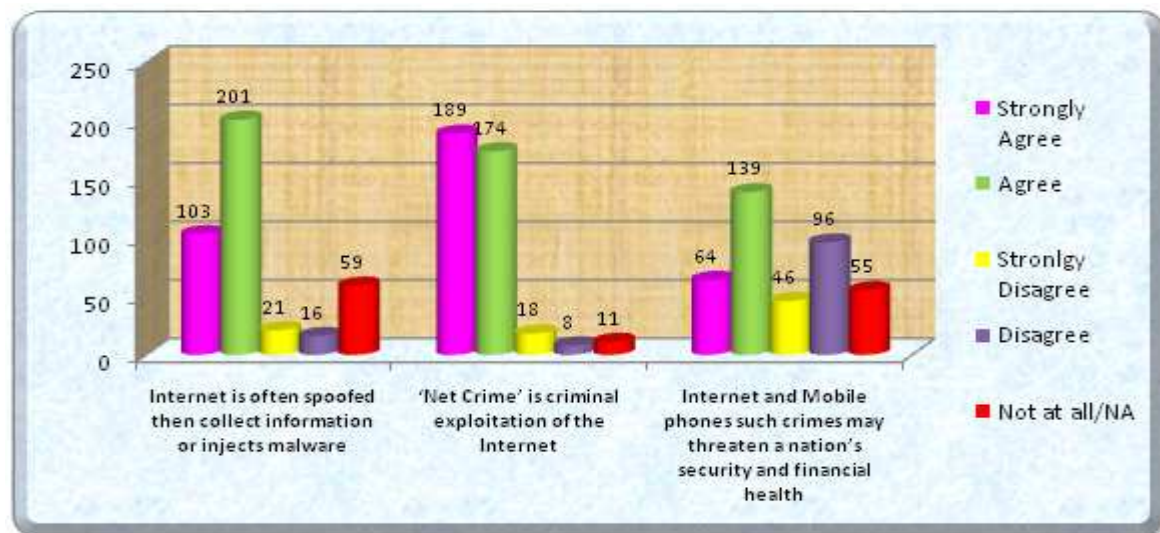


Figure 14: User Opinion on Usage of the Internet and its Impact (Negative)

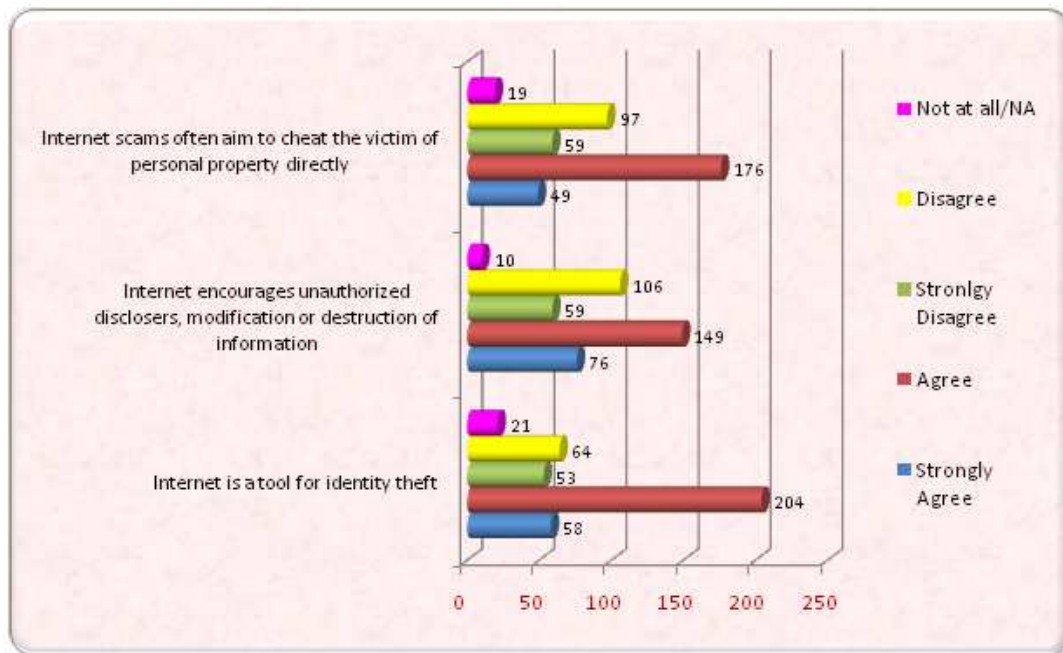


Figure 15: User Opinion on Usage of the Internet and its Impact (Negative)

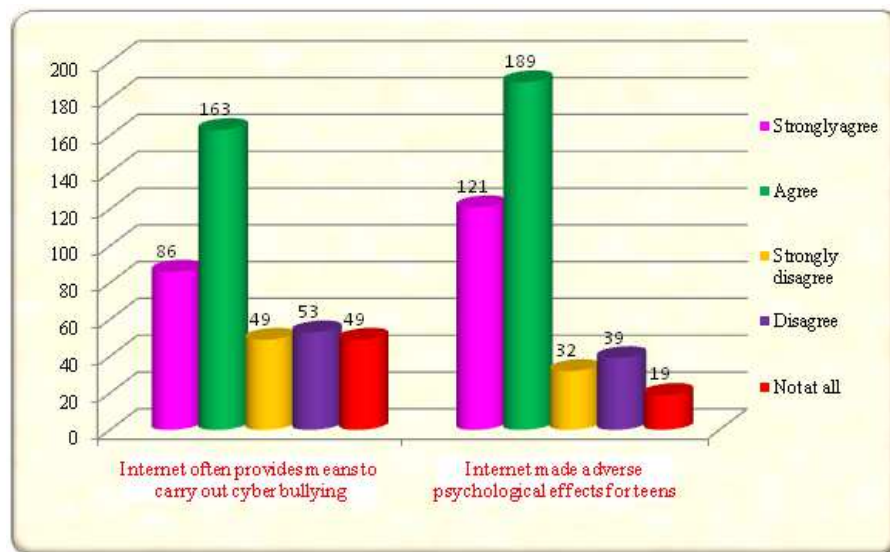


Figure 16: User Opinion on Usage of the Internet and its Impact (Negative)

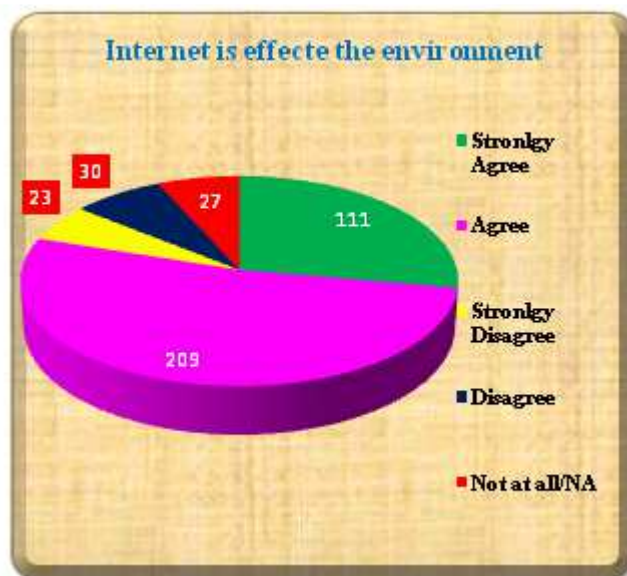


Figure 16: User Opinion on Usage of the Internet and its Impact (Negative)

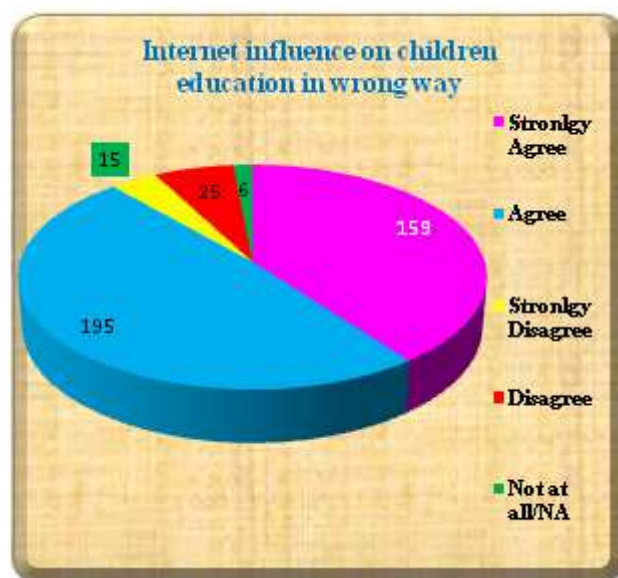


Figure 17: User Opinion on Usage of the Internet and its Impact (Negative)

Table 10: User Opinion on Usage of the Internet and its Impact (Negative)

S. No	Queries	Opinion				
		Strongly Agree	Agree	Strongly Disagree	Disagree	Not at All /NA
a)	Internet is often spoofed then collect information or injects malware	103	201	21	16	59
b)	'Net Crime' is criminal exploitation of the Internet	189	174	18	8	11
c)	Internet and Mobile phones such crimes may threaten a nation's security and financial health	64	139	46	96	55
d)	Internet is a tool for identity theft	58	204	53	64	21
e)	Internet encourages unauthorized disclosures, modification or destruction of information	76	149	59	106	10

Table 10: Cond.,

f)	Internet scams often aim to cheat the victim of personal property directly	49	176	59	97	19
g)	Internet often provides means to carry out cyber bullying	86	163	49	53	49
h)	Internet made adverse psychological effects for teens	121	189	32	39	19
i)	Internet effect environment	111	209	23	30	27
j)	Internet influence on children education in wrong way	159	195	15	25	6

The above table 10 highlighted the information on opinion on negative queries that 201 respondents were 'agreed' and 103 were 'strongly agreed' on internet often spoofed the collect information, at the same time 189 were said 'strongly agreed' and 174 were 'agreed' on internet is exploitation of net crimes, followed by 139 respondents were 'agreed' and 96 were 'disagreed' on internet crimes may threaten a nation's security and financial health Figure 16

On 'Internet is tool for identity theft' 204 respondents said 'agreed' and 64 were 'disagreed', at the same time 149 respondents were 'agreed' and 106 were 'disagreed' on Internet encourages unauthorized disclosures, modifications etc. and followed by 176 respondents were 'agreed' and 97 were 'disagreed' on internet scams often cheat the victim of personal property Figure 17

Most of the respondents i.e.163 were 'agreed' and 86 were 'strongly agreed' on Internet often provides means to carry out cyber bullying, at the same time 189 respondents were 'agreed' and 121 were 'strongly agreed' on Internet made adverse psychological effects for teens Figure 18.

209 respondents were 'agreed' and 111 were 'strongly agreed' on Internet effect environment (Figure 14).

Bulky of respondents i.e. 201 were 'agreed' and 159 were 'strongly agreed' on Internet influence on students education in wrong way Figure 19.

FINDINGS

Some of very important aspects were found from this study. Those are as below...

- In Telangana state most of the Internet users were Male i.e. 340 (85%) according to this study.
- Bulky of respondents were employed/self employed (150) and students (150).
- The Internet was used 'more than once a day' by bunch of respondent's i.e. 205 (51.25%).
- Among the 400 respondents, 166 respondents were used Internet daily 2-3 hours and 49 respondents were busy with 'More than 4 hours'.
- E-mail (100%) and File sharing (100%) were placed in top position by respondents in aspect of Internet Usage and only (9%) respondents were watched the online news.
- The Internet was used by respondents 'several times a day' for various purpose like E-mail (133), Download the different files (142) and 'web browsing (167).

- Most of the respondents i.e. 208 were used the Internet 'once a day' for work/business/study purpose and least respondents i.e. 31 were used for watch the Internet TV daily, but 161 were Never used Internet TV.
- 'Online Shopping was 'Never' used by bulky of respondent's i.e.227 and 'Health purpose' also 'Never used by 241 respondents over Internet.
- Above 60 years respondents used Internet for getting information on health and food.
- The opinion of respondents on improve the 'over all quality of life' by using the Internet that 189 were said 'very helpful' and only 15 were said 'not at all'.
- Bundle of respondents (169) were 'opined that Internet was 'slightly helped' for physical activities and exercise, followed by 100 were said 'Not at all' for improve the physical fitness.
- To improve the relationship with friends, families, peers and co-workers 156 respondents said 'slightly helped' and only 42 were said 'Very helped'.
- The Internet improved the work performance in great way i.e.176 respondents said it was 'very helpful' and 185 were said 'mostly helped'
- 63 respondents opined that Internet was 'very helped' to reach the goals and 91 were said 'mostly helped'.
- To solve the health and finance problems the Internet was 'slightly helped' to 163 users, 'very helped' to 23 users and 'not at all helped' to 87 users.
- Huge respondents (241) were 'agreed' and 103 were 'strongly agreed' that Internet is fraudulent to malicious or injects malwares and only 16 were 'disagreed' it.
- 216 respondents 'strongly agreed' and 174 were 'agreed' by followed only 2 were 'disagreed' on opinion of Net crime is criminal exploitation.
- Opinion of respondents on Internet and mobile phones such crimes may threaten a national security and financial health-139 were 'agreed' and 96 were 'disagreed'. At the same time 204 were 'agreed' and 58 were 'strongly agreed' on Internet is a tool for identity theft.
- 149 respondents were 'agreed' and 106 were 'disagreed' on Internet encourages unauthorized things.
- 121 respondents were 'strongly agreed' and 189 were 'agreed' on Internet is made psychological effects for teens.
- Most of the respondents (209 and 201) were 'agreed' on Internet effect environment and Internet influence children education in wring way, at the same 111 and 159 were 'strongly agreed' on both 2 parameters.

According to this Survey and User's Statement Some of the Best and Worst Things of Usage of Internet

Best and Worst Things

Table 11

Best Thing	Worst Thing
Improve the knowledge and know the global information	Internet spreads Viruses, Hacking in computers
Use for getting information more and refresh the mind	Theft money by using internet banking
Emails, file sharing and save the paper	Increasing cyber bullying and internet crimes
Good social media and share the information easily in quick time	Social networks are using for wrong communication and guided the students in wrong way
Useful for education including Improve GK, subject knowledge	Influence on children education and wastage the students valuable time
Very useful research scholars and scientists for new information.	Children are going in wrong way by using bad and unwanted sites.
Useful for get fast and up-to-date information and	Cheaters are destroy the society by using wrong web sites
Searching for jobs and developing the business	Internet setup involve the costly hardware and finance
Shopping and music/movies	Porn/sex websites are influence on society to do crimes.

SUGGESTIONS AND RECOMMENDATIONS

Based on above findings few important suggestions and recommendations have made by authors as well as respondents for fulfill the drawbacks.

- The government should bring strict rules and regulations on Internet Centers to avoid the making of unlawful websites or databases.
- Parents should watch the children in using the Internet in proper way.
- Schools/colleges/parents don't encourage the children to use the internet continuously.
- Friends or colleagues don't support to others for upload the unauthentic information on Internet.
- Netigens must aware about malwares and viruses which are harmful to damage the computers.
- Accesses the information on useful and authentic websites only avoid the net crimes.
- Students are advised that should not spend more time on Internet unnecessary to keep the education in good manner.
- Employers/ students/homemakers don't browse the unwanted information/websites to save the time.
- Internet centers and users should support to cyber police for reduce the net crimes.
- Use proper Internet locations for secure the Internet banking/online banking password and login ID's for avoid the money theft or miss uses.
- Download needed information to keep the computer in better conditions.

- Government also should observe the Internet usage to secure the culture and integrity.
- Should not depend every time on Internet for getting information.
- Should not use the Internet continuously for prevent the health and psychological effects.
- Shouldn't believe all the available information of different websites/sources on health, food, and finance related issues.
- Government should provide Internet with free or less cost to village people for knowing the advanced information in all facets.
- Should be increase the usage of Internet in health, food and homemaker related information's.

CONCLUSIONS

This study has given tremendous information on usage of Internet and its impact. The Internet users gender ratio is big different among the males and females at the same time Internet usage has been increasing by all age groups. The Internet is not the enemy just for the reason that people become dependent on it. It has lots of significant and essential benefits. It is fast and quick, cost-effectively sound, handy and useful. In several manners it builds our lives much simpler. In many ways it creates our lives more difficult. Usage of internet is been in good manner and less percentage of miss use and net crimes. The Internet gives an escape from truth and daily problems just like alcohol or drugs. Some argue that the communication with other community on the Internet fills a social void. People can imagine new identities; others cooperate with that identity and the person may assume these on-line relations are the similar as the actual thing. It becomes a problem when people become so occupied and trapped in on-line activities and their additional lives to the point of ignoring their relationships, finance, jobs, health and added responsibilities. Several researchers have been held on Internet habit or internet related problems around the world, but no research has been held in the Telangana state perspective. We tried our finest to get my objectives of study on 'Usage of Internet and Its Impact'.

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